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PROPOSAL
FOR
SURVEILLANCE AND INSPECTION PROGRAM

12 February 1959

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INTRODUCTION

Items when manufactured have been stored over the years under differing conditions, which have in turn produced many and varied results of aging. Routine warehouse examination is often left incomplete when the person making the inspection is insufficiently technically familiar with items concerned and the condition in which he finds them. In many cases, minor "on the spot" preventive maintenance could be performed to return the items to full operational efficiency.

SCOPE

At the request of the Project Officer, this company proposes to undertake the compiling of guide sheets for the following six named devices. Then, after a study of each unit, which may require accelerated aging in some cases, recommend maintenance to be performed to restore the units' functionability. It is proposed to include tests from the simple to the more elaborate, in the guide sheets and these can be performed depending on the facilities available at the time and place the surveillance inspection is undertaken.

The units under consideration are the Fusee Match, canned; Adapter Booster; Incendiary Head; 3.5" Incendiary Adapter; M34 Detonator, and the Silencer for the M3 Grease Gun. As a further guide to the over-all problem, this company proposes to undertake a parallel surveillance program in which a limited number of each of the above items will be retained

in storage at this facility and routine inspections made yearly or more frequently, if necessary. This will be a control in the event deterioration is noted in an item which had not been foreseen and had been omitted from the guide sheet. It will also be valuable in determining whether certain deterioration may or may not be detrimental to the unit concerned.

It is suggested that this proposal be in the form of a Work Order under the new open end Task R of RD 45 and be written to cover a one year working period. In the event additional items are to be considered, this can be undertaken through a further work order. It is expected that the cost of undertaking continuous surveillance after the writing of the guide sheets will be small and this can be performed by the issuance of a work order from year to year. It is proposed to supply routine monthly progress reports until the guide sheets have been completed and thereafter a report will be prepared following each inspection.

COST ESTIMATE

100 hrs. Engineering Labor @ \$4.50	\$ 450.00
150 hrs. " " @ \$3.50	<u>525.00</u>
Sub Total I	\$ 975.00
Overhead @ 120%	<u>1,170.00</u>
Sub Total II	\$2,145.00
Materials and Purchased Parts	50.00
Tools, Jigs, & Fixtures	150.00
Travel & Miscellaneous	<u>100.00</u>
Sub Total III	\$2,445.00
G & A @ 7%	<u>171.00</u>
Sub Total IV	\$2,616.00
Fee @ 8%	<u>209.00</u>
Total	\$2,825.00